

JP4063851A 19920228 THERMOPLASTIC ELASTOMER COMPOSITION

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PURPOSE: To obtain a thermoplastic elastomer composition excellent in oil resistance and hue stability and desirable for automobile components requiring high performances, etc., by adding a specified resin, a mineral oil softener and a phenolic resin vulcanizer to an ethylene/ α -olefin/nonconjugated copolymer rubber.

CONSTITUTION: A thermoplastic elastomer composition is prepared by dynamically vulcanizing a composition comprising 100 pts.wt. ethylene/ α -olefin/ nonconjugated diene copolymer rubber, 10-300 pts. wt., desirably 20-200 pts.wt. crystalline olefin resin (most suitably having a melt flow rate of 0.8-20), and 10-300 pts.wt. mineral oil softener containing 20wt.% or above hydrogenated paraffinic mineral oil (%CA<0.5, and an iodine value of 0. 5% or below) with a reactive alkyl phenol/formaldehyde resin as a vulcanizer.

Legal Status: There is no Legal Status information available for this patent